ELIMINATOR 900

WASTE HANDLING SYSTEM

DESIGN

Automated self contained waste handling system. The system reduces foodservice waste volume by up to 90%, resulting in lower labor and hauling costs. Process water is re-circulated for re-use, saving water and sewage costs. External silver catch lessens costly silverware replacement. Complete renewal servicing of wear parts accomplished without disturbing either the electrical or plumbing connections. Rated capacity is 900 lbs. per hour of mixed foodservice waste including food, disposables and paper products.

STANDARD EQUIPMENT

- Total stainless steel construction
- Automatic, 12 nozzle, wash-down system for extractor
- Extractor screw/screen removable from top!
- 2 HP TEFC bottom mount extractor drive motor
- 5 HP direct drive cutting system motor
- 1 HP TEFC re-circulating pump
- NEMA-12, carbon steel control panel enclosure
- Integral or remote NEMA-4 push button station
- Single point electrical connection
- Pulper lid interlock switch
- Extractor chute interlock switch
- Automatic Shutdown timer for self-cleaning
- Cylindrical extractor for easy cleaning– No corners!
- Trough connection
- Re-circulating pump
- Automatic pulper cleaning package with integral wash and rinse cycle
- Permanent trough magnetic for silverware catch
- Dual use cutting blades

OPTIONAL ACCESSORY EQUIPMENT

- Security package inclusive of:
  - Pulper lid and extractor discharge chute locking rings
  - NEMA-4 stainless steel electronic panel enclosure
  - Tamper proof fasteners
- Hose reel (30 ft. unmounted)
- Remote start-stop station
- Chemical additive pump

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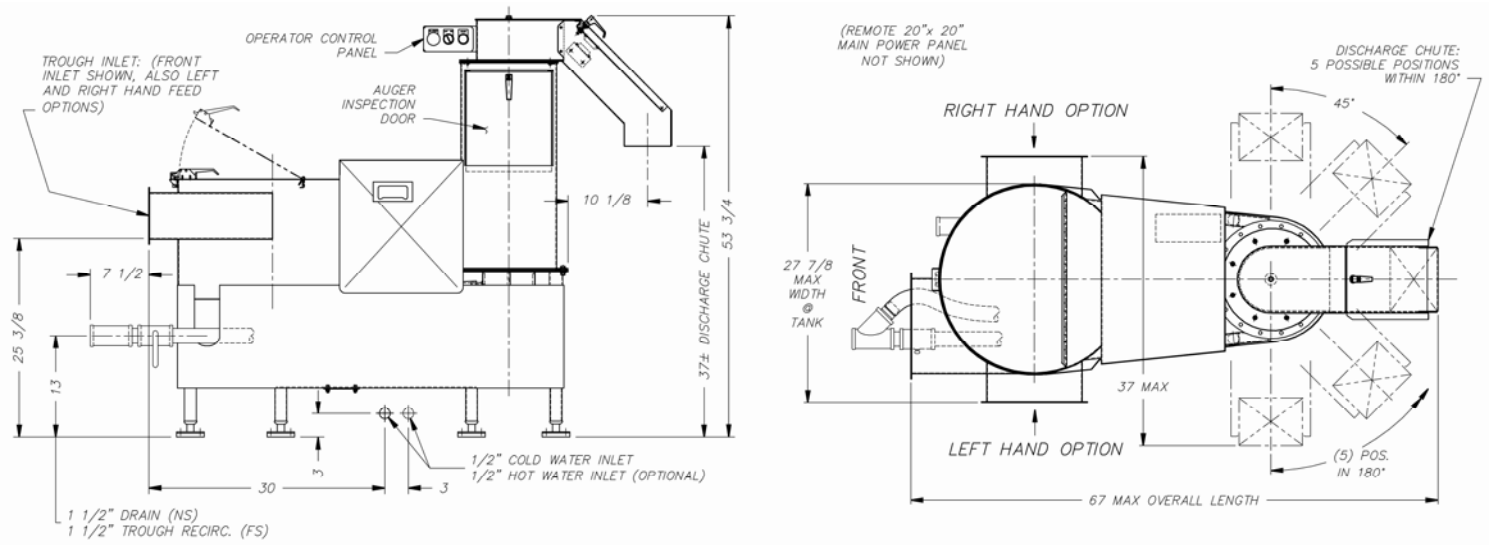

SPECIFICATIONS

Utility Requirements: COLD- ½" npt, 12 gpm @ 30 psig
HOT- ½" npt, 12 gpm @ 30 psig (optional)
DRAIN- 1 ½" npt, 4" floor sink with take away strainer basket

Construction

Pulper:
Full 6” clearance between drive motor and floor.
Trough is 12" wide by 5 3/4" tall. Reduction capability as small as 9" .
Pulping chamber is 24" diameter, type 304 stainless steel. Single piece construction for durability and ease of cleaning.
Slurry chamber is constructed of two 5/16" 304 stainless steel plates encased in 10 gauge stainless steel.
Pulper has hinged lid with limit switch and compression latch.
Full stainless steel frame with adjustable vibration isolating feet.
Cutting mechanism is 12" diameter type 304 stainless steel annealed impeller. Cutting blade replacement or adjustment with single allen wrench and no impeller removal. Cutting blades are type 440A hardened to Rockwell C-52. Two rotary blades indexible for double life and five stationary blades for reduced wear.
Drive motor to be 5hp ODP direct drive.

Extractor:
Extractor discharge chute field adjustable to any 45° angle.
Tank door with draw latch for easy access.
Chute door with limit switch and draw latch.
Shell is 12" diameter one piece rolled cylindrical tank, for ease of cleaning, 14 gauge type 304 stainless steel construction.
Stainless steel screw/screen combination with nylon brush.
2HP bottom mount, direct drive TEFC motor with gear reducer.
Screw/screen combination removable from top via socket head cap screws.

Miscellaneous Features:
Integrated tubular frame with height adjustable feet and vibration isolator pads.
All motors, valving and piping are located in shrouded bottom frame work.
Multiple configurations to accommodate most layouts.
Pre-wired to unit mounted J-Box and pre-plumbed for ease of installation.

Capacity Per Hour	Tank Capacity	Pulper Motor	Extractor Motor	Recirculation Pump	Fresh Water Consumption
900 lbs. food service waste	25 gallons	5 hp	2 hp	1 hp	1-2 gallons per minute cold water 50 gallons per day hot water (optional)

Extractor Gearbox	Electric Usage	Drain	Shipping Weight	Current	Full Load AMPS
30:1 ratio	5 kW	4" minimum floor sink	700 lbs.	208/3/60 230/3/60 460/3/60	30 27 14

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Information and specification subject to change without notice

Available in AutoQuotes and KCL Cadalog